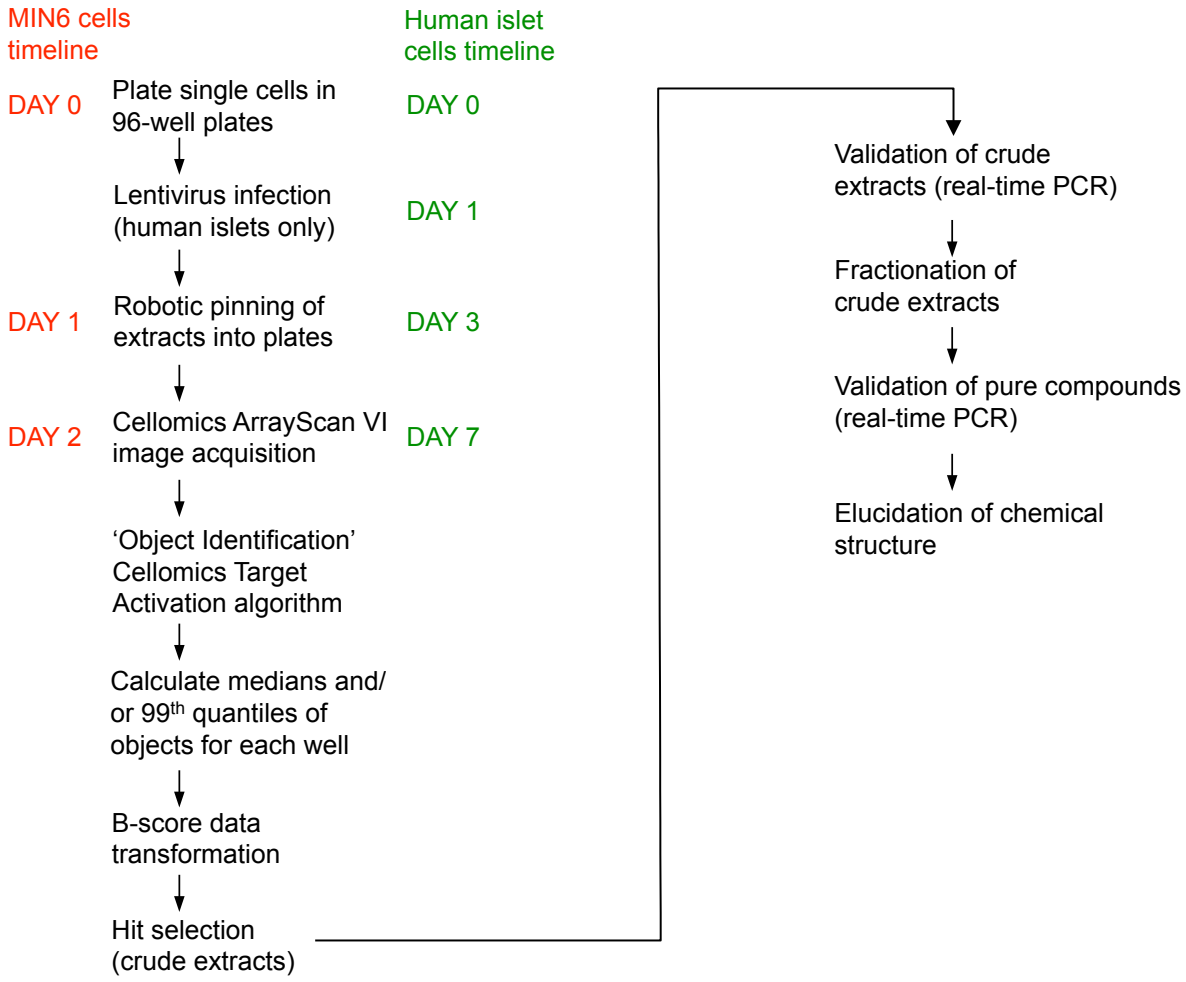
Figure S1


MIN6 cells timeline
Human islet cells timeline
DAY 0
Plate single cells in 96-well plates
DAY 0
Lentivirus infection (human islets only)
DAY 1
DAY 1
Robotic pinning of extracts into plates
DAY 3
DAY 2
Cellomics ArrayScan VI image acquisition
DAY 7
'Object Identification' Cellomics Target Activation algorithm
Calculate medians and/ or 99th quantiles of objects for each well
B-score data transformation
Hit selection (crude extracts)
Validation of crude extracts (real-time PCR)
Fractionation of crude extracts
Validation of pure compounds (real-time PCR)
Elucidation of chemical structure